

**MINUTES**  
**VIRGINIA OFFSHORE WIND DEVELOPMENT AUTHORITY**  
**TWIN HCKORY AREA LIBRARY LARGE PUBLIC CONFERENCE ROOM**  
**GLEN ALLEN, VIRGINIA**

**WEDNESDAY, OCTOBER 5, 2011**  
**10:00 A.M.**

**CALL TO ORDER AND INTRODUCTIONS**

Vice Chair Joan Bondareff called the meeting to order. She welcomed guests and introduced new VOWDA member, John Jester, representing the Virginia Commercial Space Flight Authority.

**Members Present:** Joan Bondareff, Lisa Johnson, Mary Doswell, Bob Matthias, Brian Redmond, Ron Ritter, John Jester

**Members Absent:** Art Moyer

**Staff Present:** Cathie France, DMME Deputy Director for Energy Policy; Al Christopher, DMME Division of Energy Director; Maureen Matsen, Deputy Secretary of Natural Resources and Senior Advisor for Energy; Kerri Nicholas, Assistant Attorney General

**Guests Present:** Bruce Bailey, AWS Truepower President and CEO; Matt Filippeli, AWS Truepower Lead Engineer; Tanja Maynard, AWS Truepower Offshore Project Manager; Stan Calvert, U. S. Department of Energy's Water Power Program; George Hagerman, Virginia Tech Advanced Research Institute

**APPROVAL OF MINUTES**

The Chair called for a motion to approve the September 7, 2011, minutes as presented. The minutes were unanimously approved.

**UPDATE ON RELEASE OF THE CALL BY BOEM**

**Presenter: Maureen Matsen**

Maureen Matsen reported the August 17 BOEM – Virginia Task Force meeting was productive but BOEM needed additional information for Virginia's Call. This information has been submitted and Erin Trager of BOEM informed Maureen today that the Call has gone to the DoI for review. It's uncertain whether we'll make our goal of a mid-October release date, but the Governor's office will continue to work towards getting the Virginia Call issued.

## **AWS TRUEPOWER LLC PRESENTATION**

**Presenter: Bruce Bailey, President and CEO**

AWS Truepower LLC, which has been involved in preparing the offshore meteorological studies for both Cape Wind and Deepwater, provided their perspective on the value of using the Chesapeake Light Tower for Virginia's offshore wind development program. Bruce Bailey's presentation addressed the technical data needs for offshore wind project planning, conventional and alternative approaches, and potential roles of the Chesapeake Light Tower.

## **CARPER-SNOWE OFFSHORE WIND TAX CREDIT LEGISLATION**

**Presenter: Brian Redmond**

Brian Redmond provided members a copy of Jim Lanard's response to their questions regarding the proposed offshore wind tax credit legislation. Mr. Lanard addressed the purpose of the 3,000 MW cap, any studies or information that show a 3,000 MW scale is sufficient to establish an offshore wind supply chain, and the timing for passing the legislation. After discussion, the motion passed unanimously to send the letter of support for S. 1397 to Virginia's congressional delegation once the letter is modified to reflect today's Board discussion including a reference to the current federal tax credits already in place. Brian will edit the letter and forward it to Cathie to be circulated to the members for final review and approval.

## **VOWDA WORKPLAN UPDATES**

**Presenter: Joan Bondaref**

### **Regulatory Structure/Policy**

**Presenter: Lisa Johnson**

Lisa Johnson presented an overview of Virginia's electric cooperatives structure for meeting electric supply and demand requirements. A copy of the PowerPoint presentation was provided to members and will be posted to the VOWDA website after it's modified to include information on how different cooperatives purchase their power.

Mary Doswell reported that the presentation on Virginia's Regulatory Structure for Investor Owned Utilities was modified to reflect changes discussed at the September meeting. In addition, a checklist of all federal and state offshore wind permitting requirements was prepared and will also be posted to the VOWDA website.

## **CHESAPEAKE LIGHT TOWER FEDERAL AGENCY WORKING GROUP BRIEFING**

**Presenter: Stan Calvert, U. S. Department of Energy**

Stan Calvert informed the board that the U.S. Department of Energy's inter-agency working group, formed to address offshore energy resource assessment and design conditions, identified the need for data and an offshore facility to collect this data. As a result, In September, DoE requested the GSA to delay surplusing the CLT for 90 days so DoE and other stakeholders could explore opportunities for sharing the costs for the preservation and use of the CLT as a research and data collection facility. Mr. Calvert will send VOWDA a copy of the concept paper which should be available within two weeks.

## **MET TOWER REPORT UPDATE**

**Presenter: George Hagerman**

George Hagerman reported that the Meteorological Tower Placement Report, submitted to VOWDA in December 2010, has been updated and a review draft will be posted to the VOWDA website. He provided the Board a copy of his presentation and briefed them on the updates that include the benefits to upgrading the Chesapeake Light Tower and the Virginia WEA Resource Assessment. The report recommends a phased development approach for the metocean data collection program.

- Phase I: Upgrade Chesapeake Light Tower – Structural Refurbishment and Metocean Instrumentation Updates
- Phase II: Qualify Volume-Scanning LIDAR – Field Trial of a Fixed Volume Scanning LIDAR on an Oceanfront Hotel
- Phase III: Alternative Scenarios – Installation of Buoys or New Platforms in the Virginia Commercial Lease Area

Scenarios A or C, in conjunction with the CLT updates, would provide the lowest cost and most quickly available wind data.

- Scenarios A or C: Acquire two vertical-profiling LIDAR buoys, validate performance adjacent to CLT, and monitor four difference sites in Virginia WEA, with each buoy occupying a monitoring site for nearly 12 months. Cost to acquire buoys and initially monitor two sites is \$3 million plus an additional \$500,000 to recover and revalidate at CLT and re-deploy at two new sites. Buoy acquisition would start July 2012; validation April 2013, and WEA measurements July 2013.

## **REVIEW OF REVISED PROJECT SCOPE FOR VCERC CONTRACTS**

**Presenter: Al Christopher**

Al Christopher briefed members on the summary of key deliverables under two DMME contracts, with James Madison University and Virginia Tech Advanced Research

Institute that support VOWDA goals to reduce development costs and risks, improve access to financing or support lower costs of generation from offshore wind turbines.

## **VOWDA ANNUAL REPORT**

**Presenter: Cathie France**

The draft annual report was distributed to members prior to the meeting for review. Discussion focused on the recommendations and future goals sections of the report. It was recommended that an Executive Summary also be provided. If members have any further comments, they can send them to Cathie France who will revise the plan and distribute the final draft to members for review and approval by the end of this week.

## **PUBLIC COMMENTS**

There were no public comments.

## **ANNOUNCEMENTS**

Members were reminded of the requirements for the Conflict of Interest Act training and financial interest annual filing.

The next meeting has been scheduled for Thursday, December 8.

## **ADJOURNMENT**

The meeting adjourned at 2 p.m.